

FIG. 1

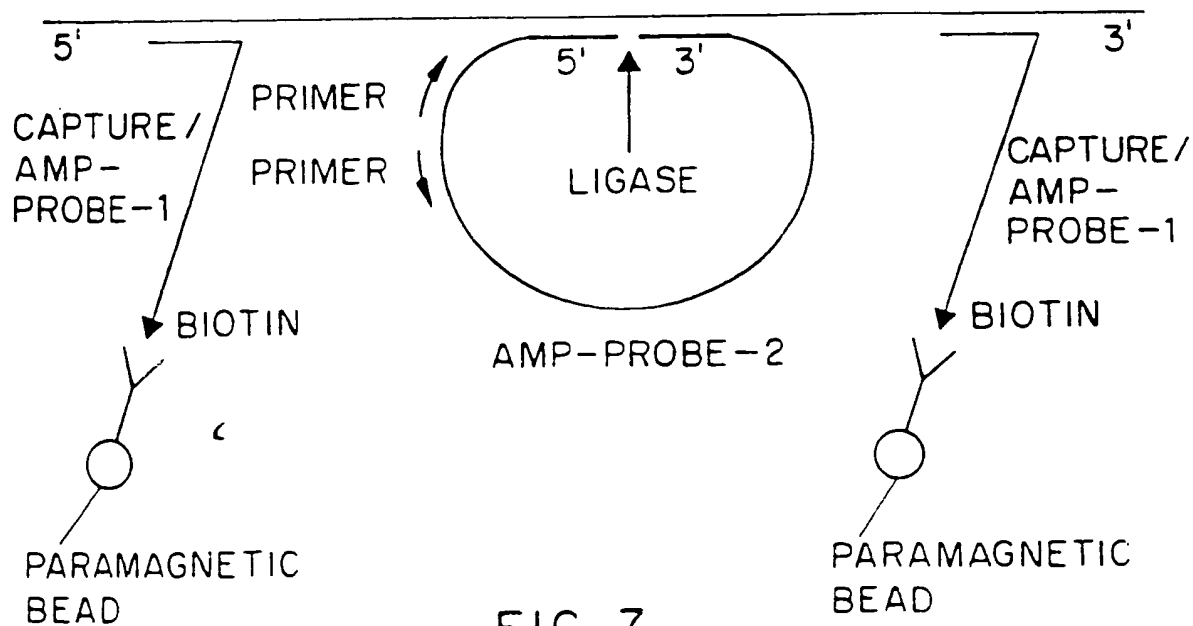


FIG. 7

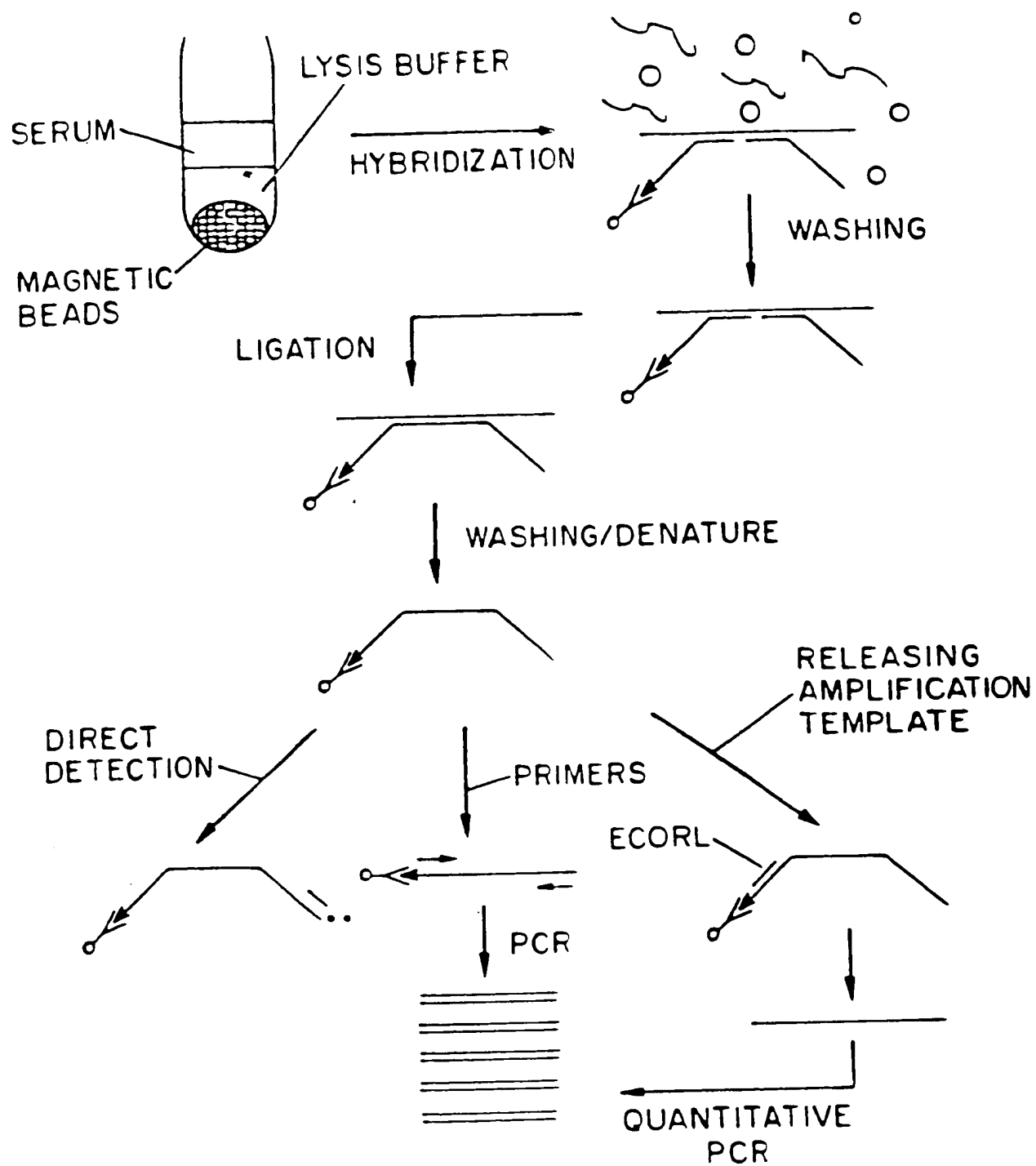


FIG. 2

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FIG.3

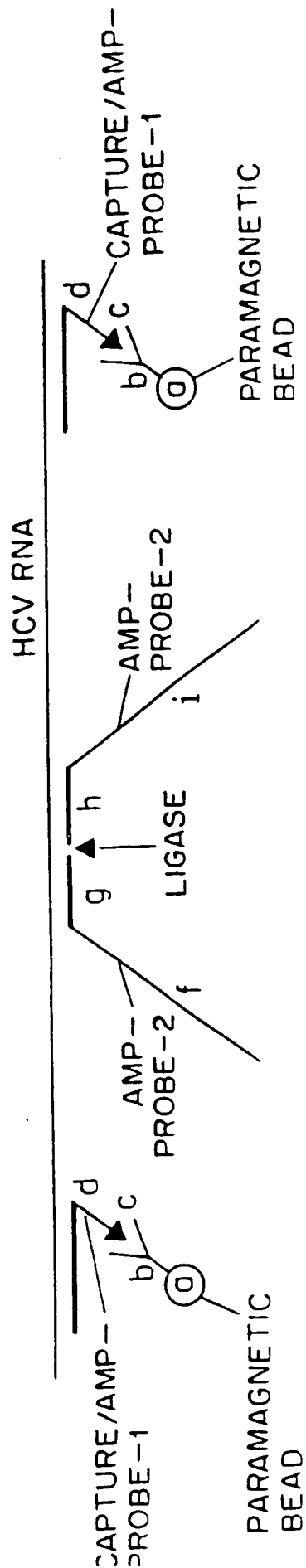


FIG. 4

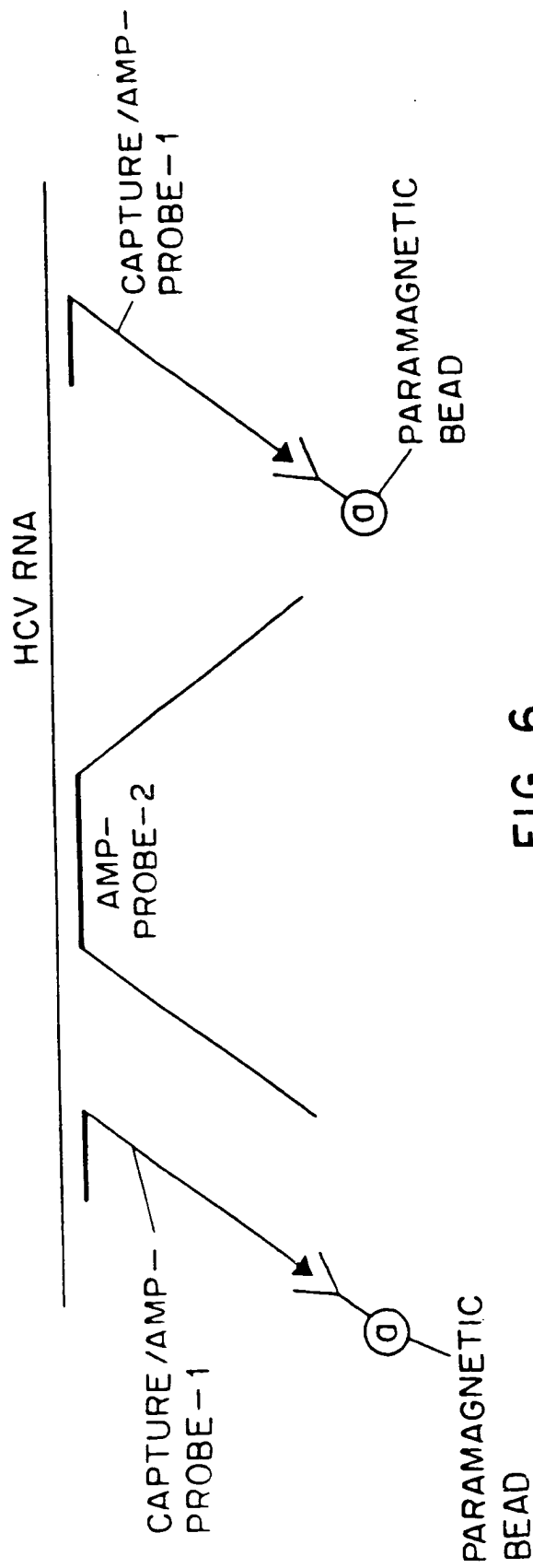


FIG. 6

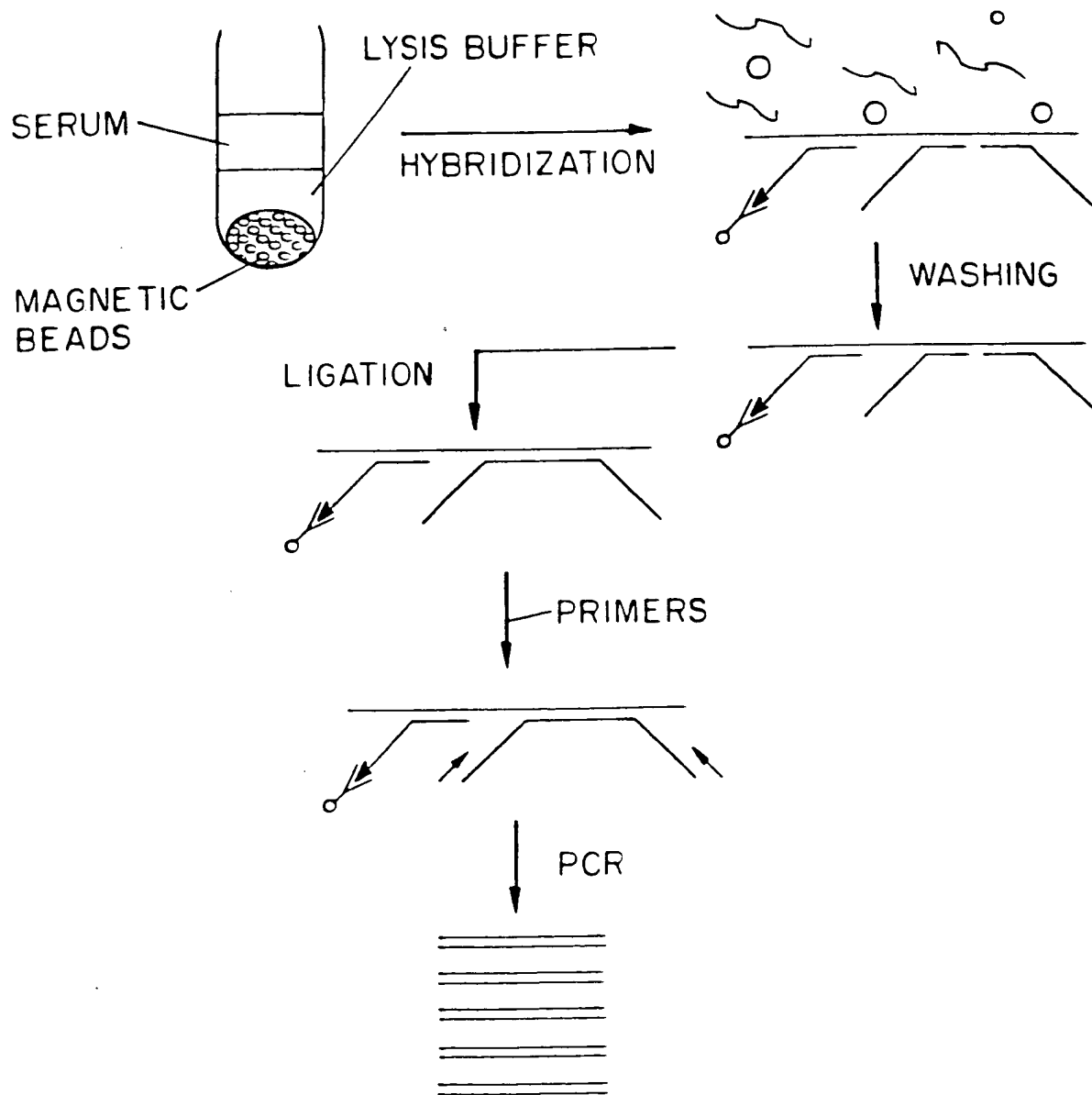


FIG. 5

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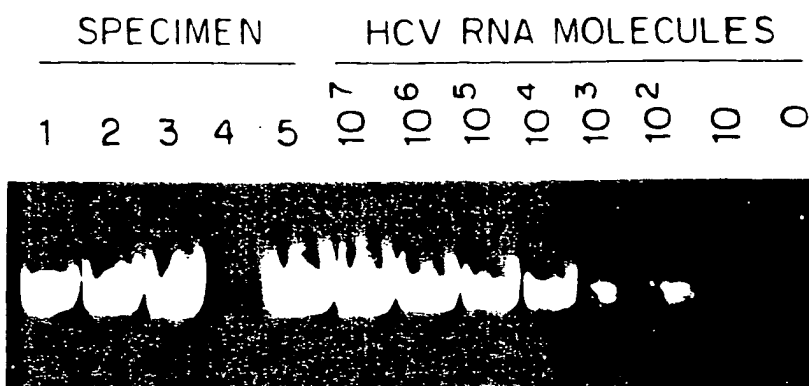


FIG.8

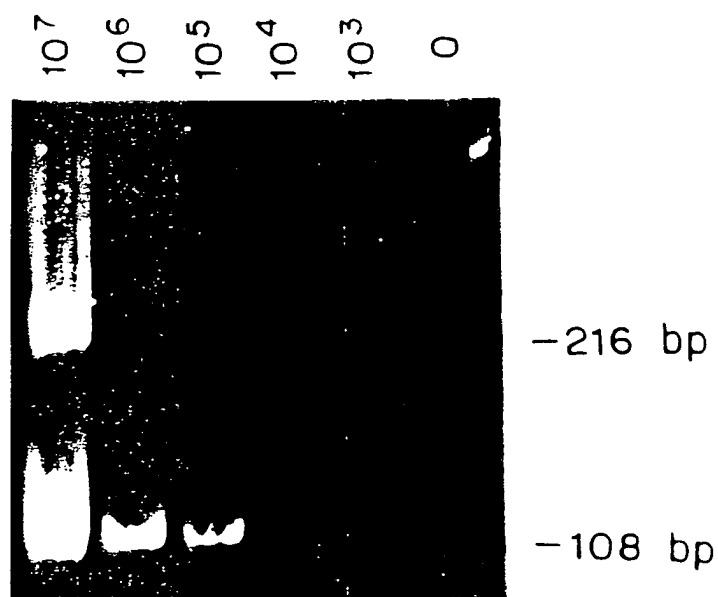


FIG.9

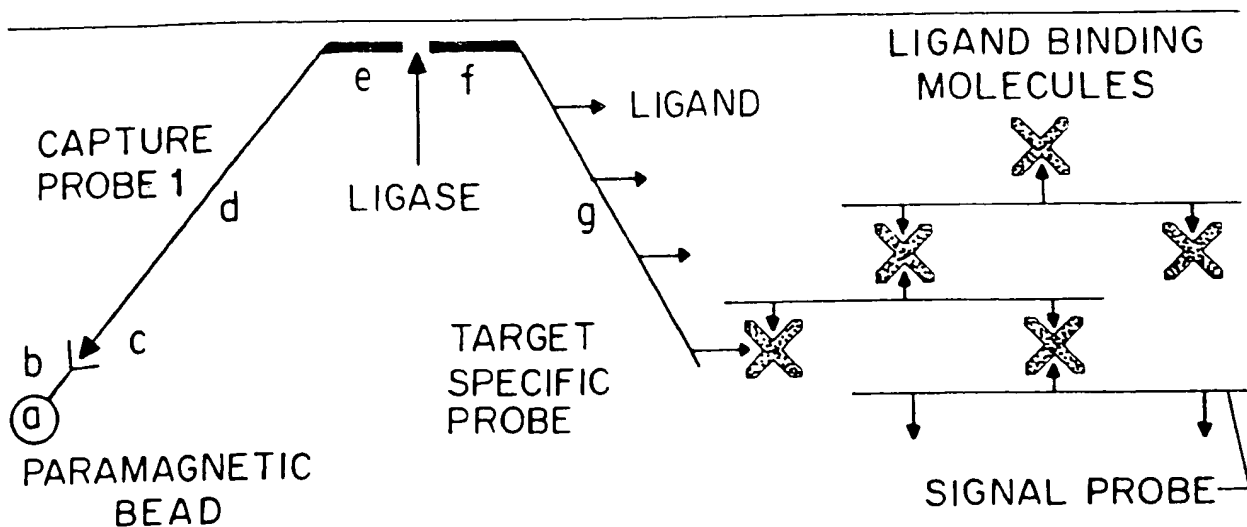


FIG. 10

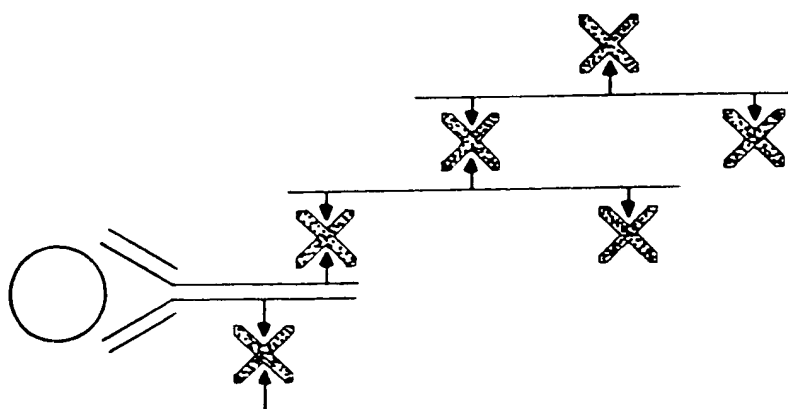


FIG. 11

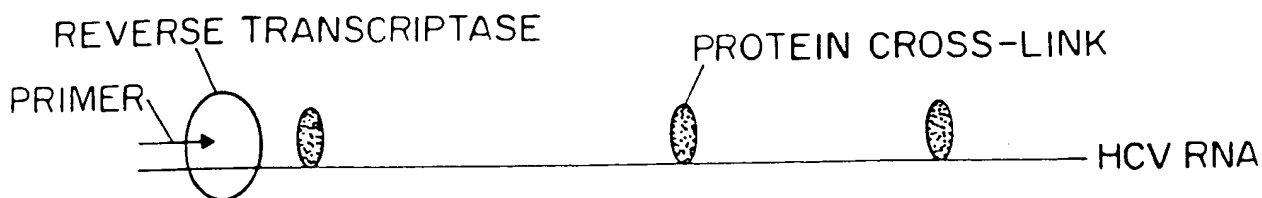


FIG. 12A

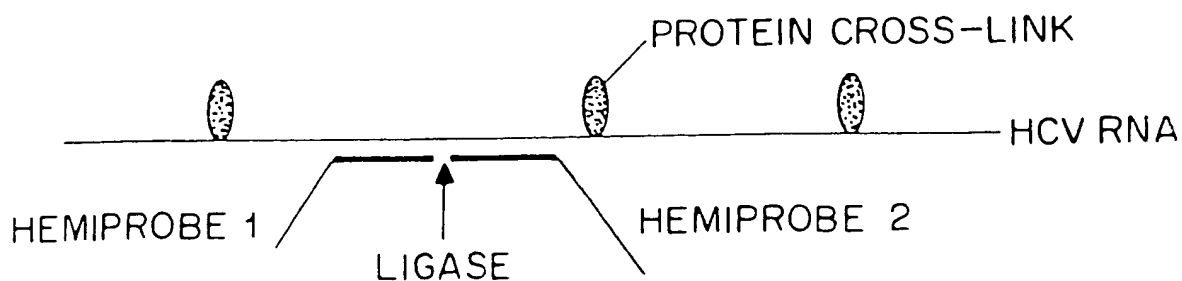


FIG. 12B

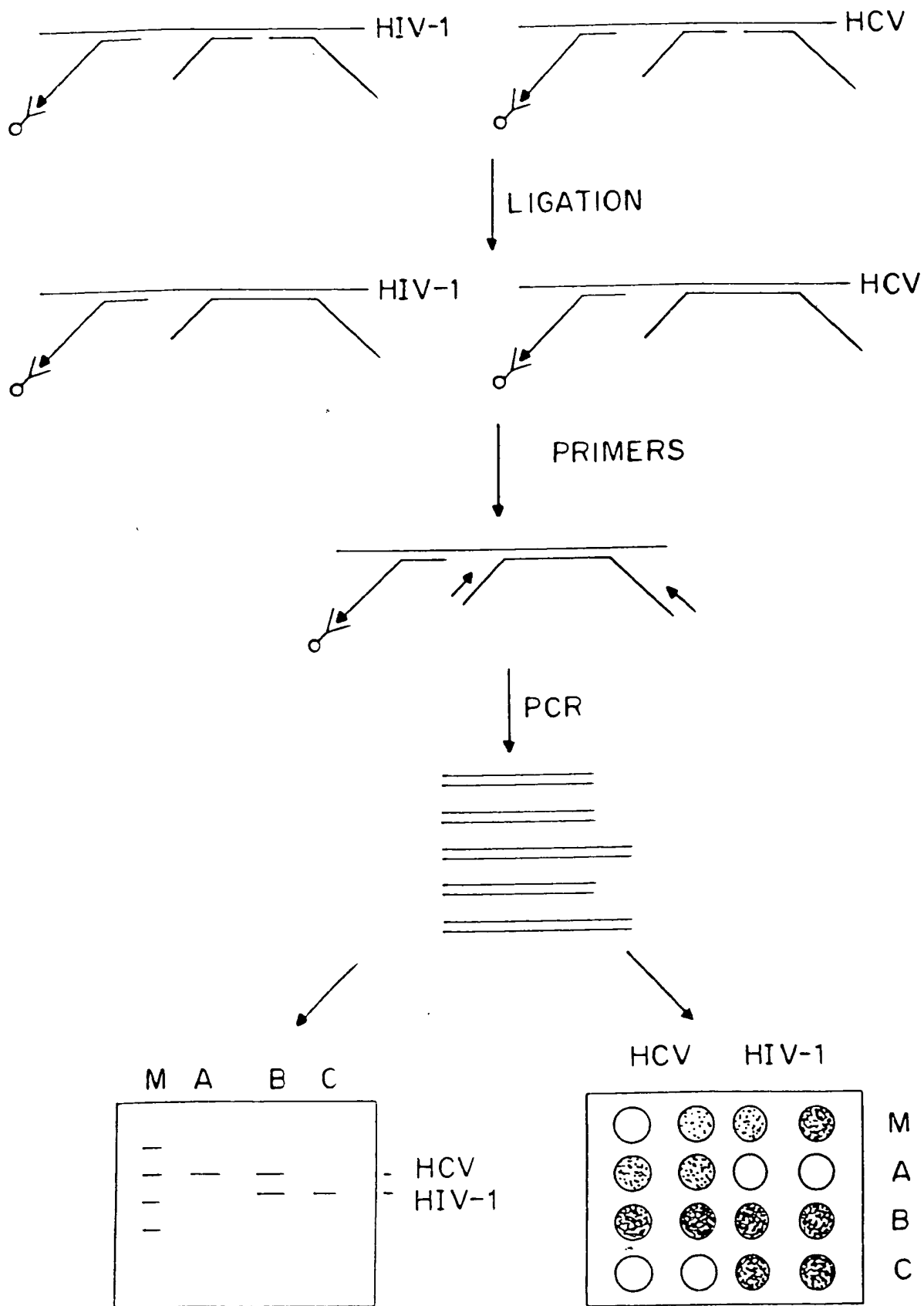


FIG 13

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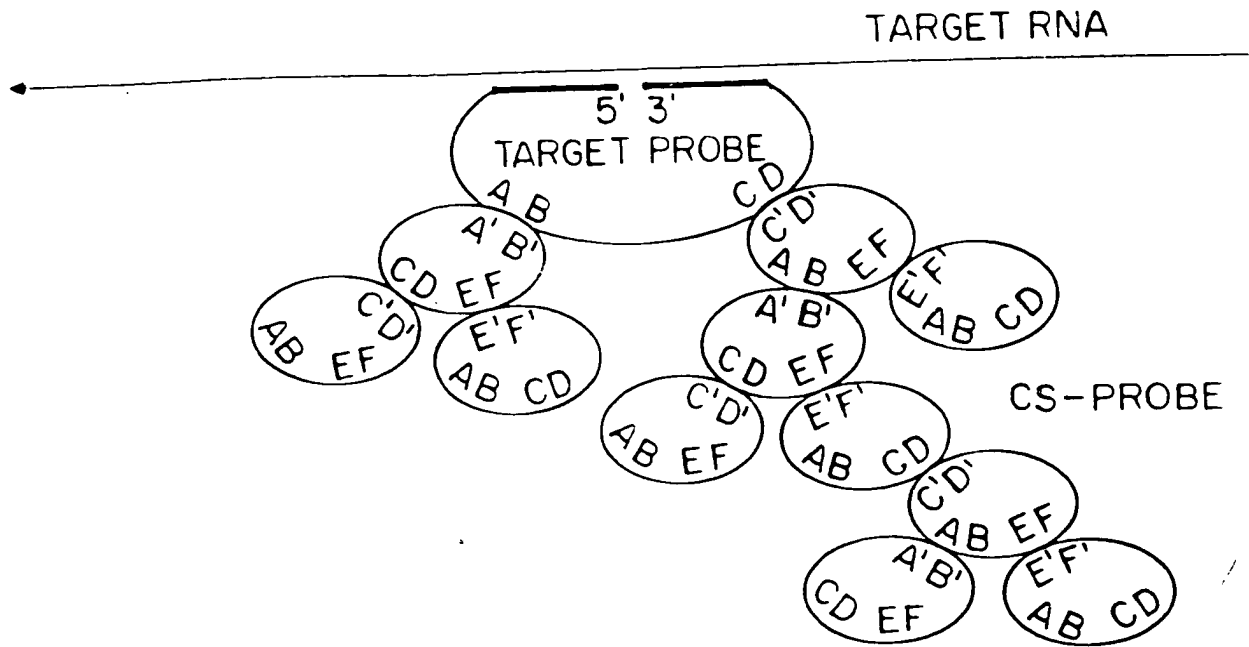


FIG. 14

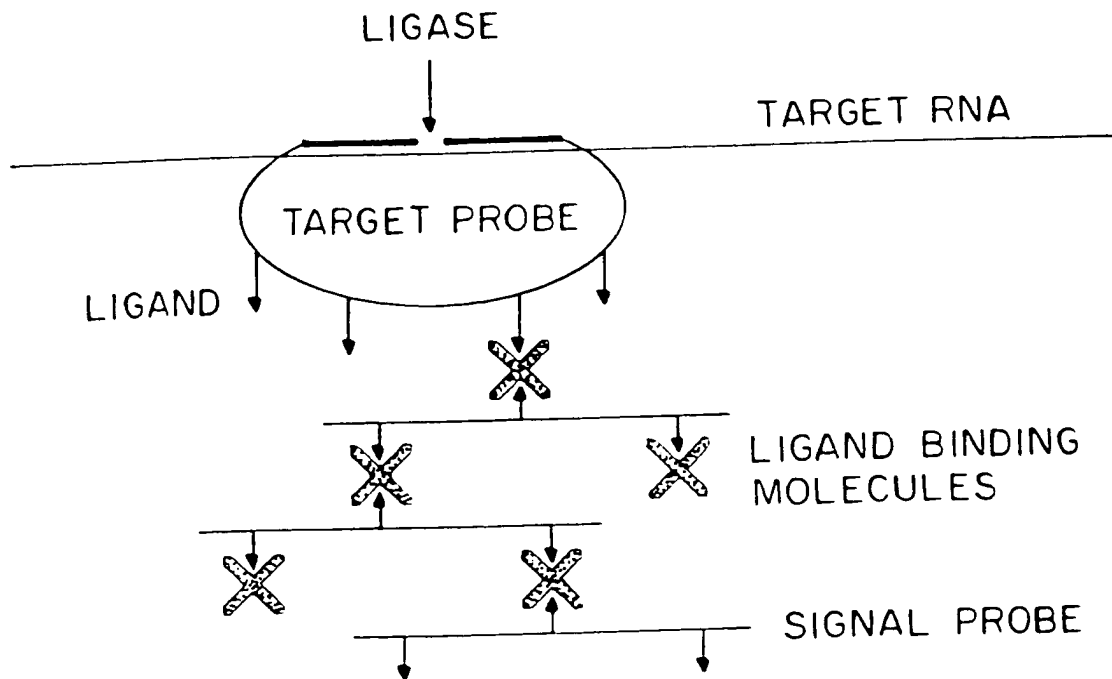
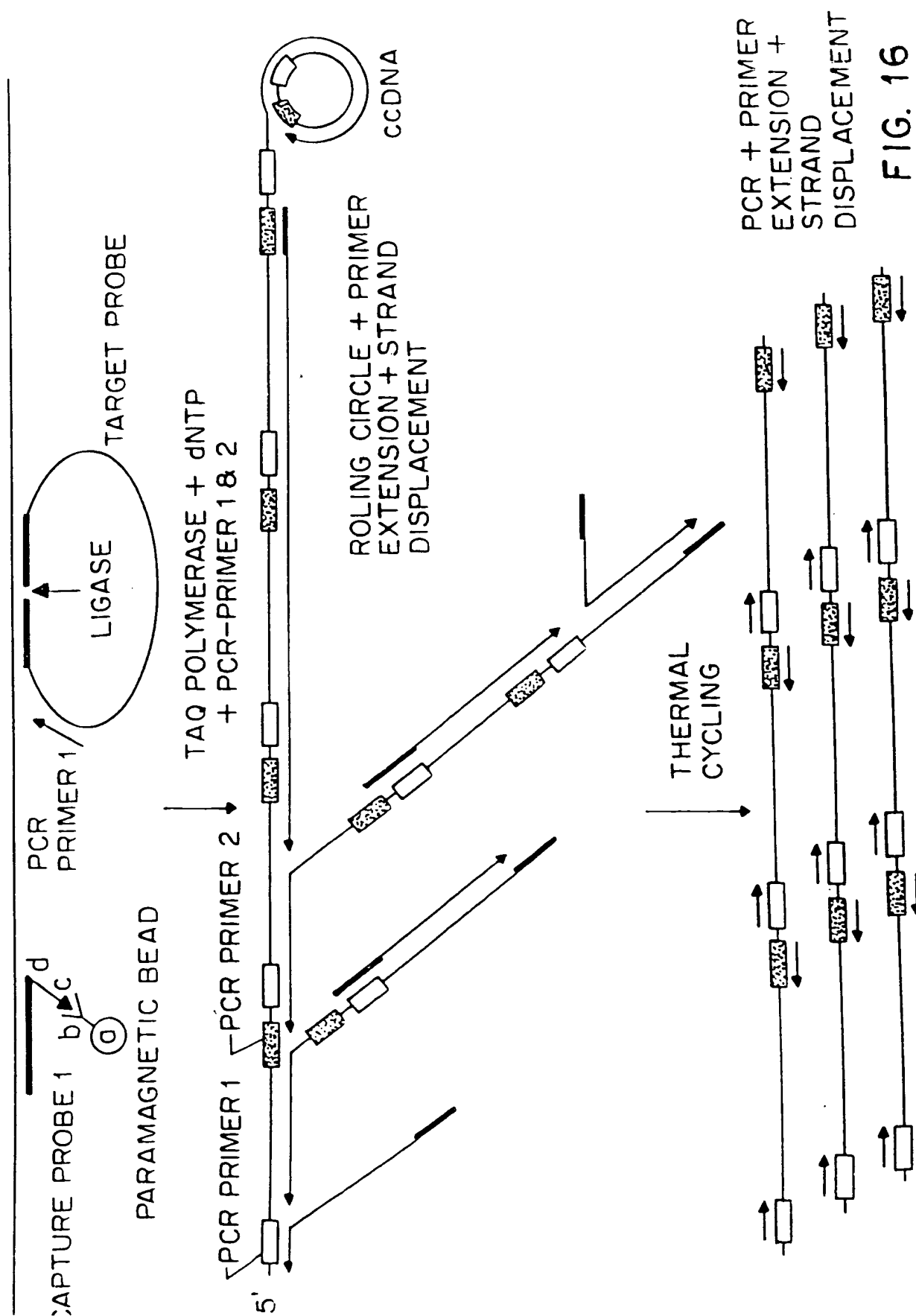


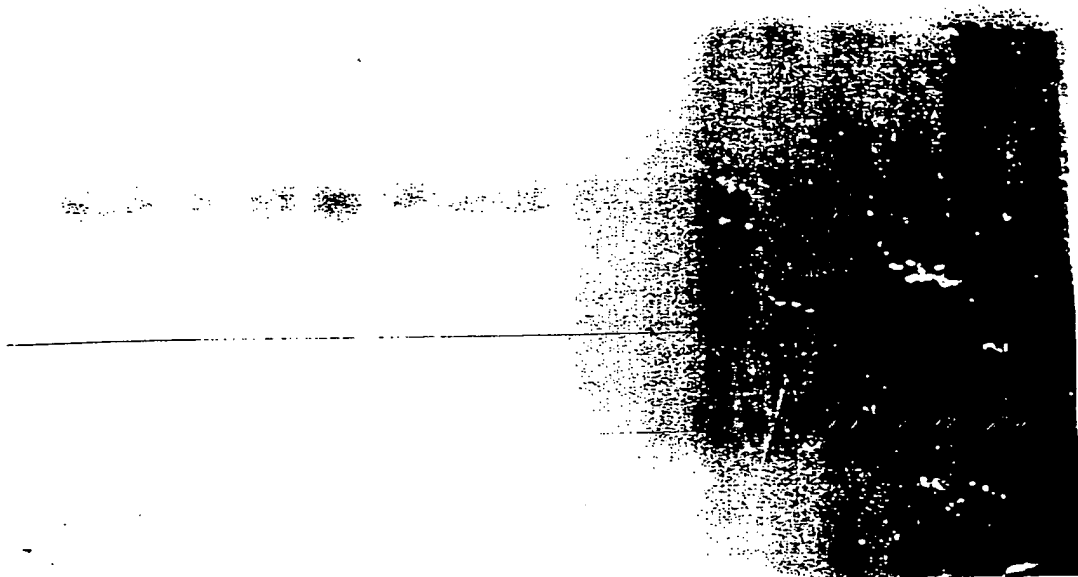
FIG. 15

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00070001101001



Without Ligation

With Ligation

FIG.18

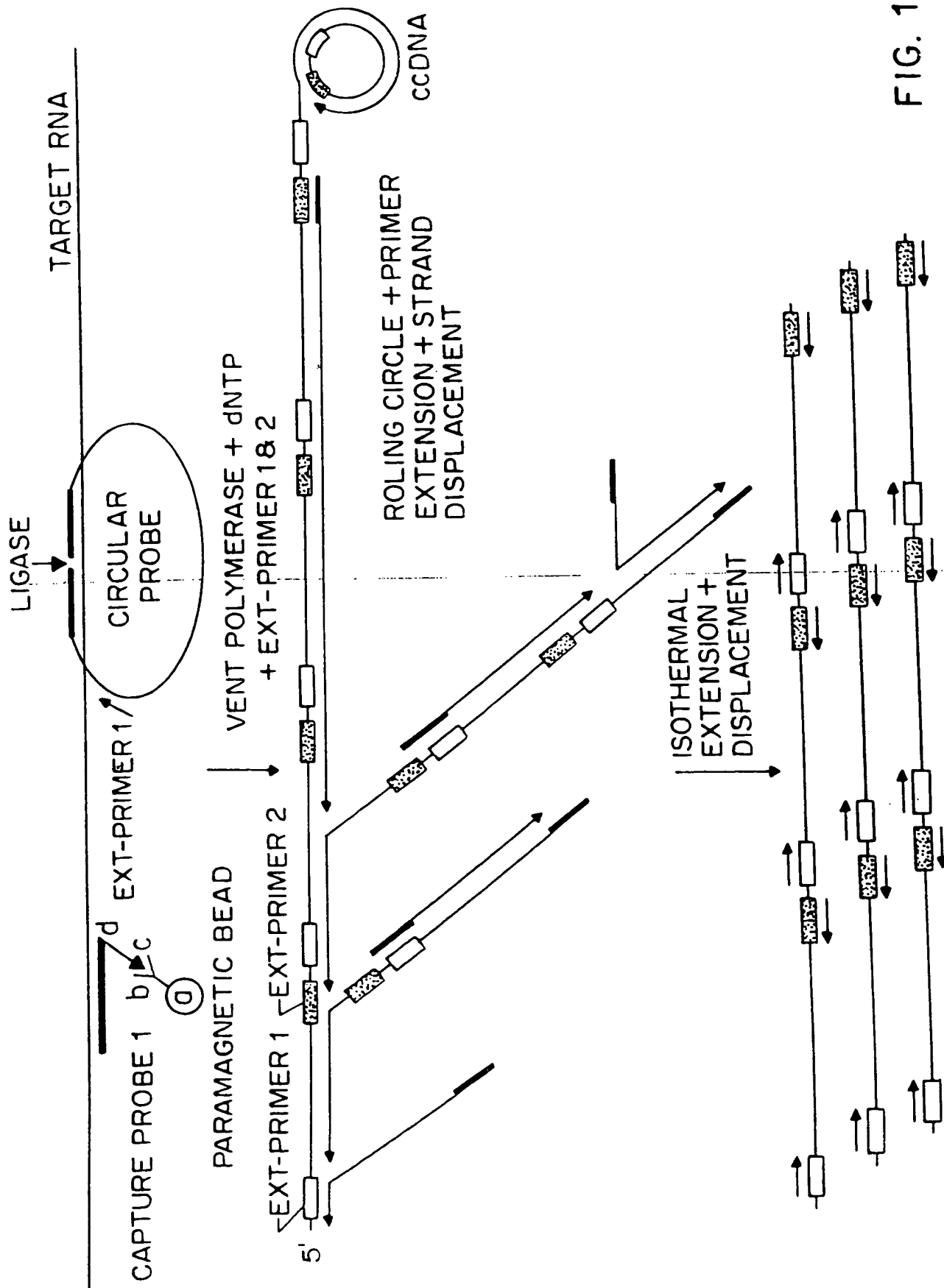


FIG. 19

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DABCYL
|
CGTCAATGCATG 5'
GCAGTTACGTACTGCGCACTA
|
Fluoresce Molecular



A

3' U ← Light

B

U ← Light

Fig. 20

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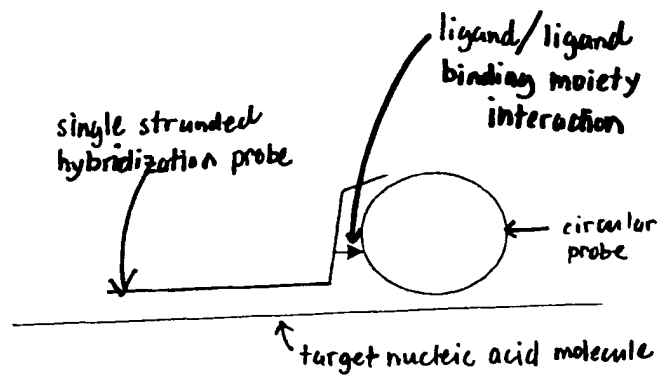
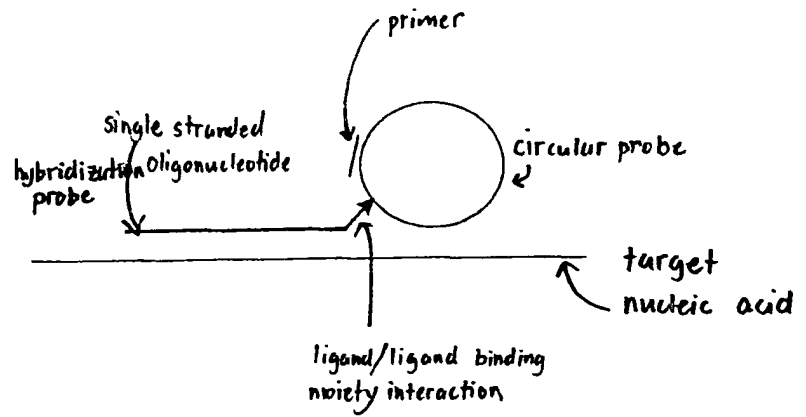
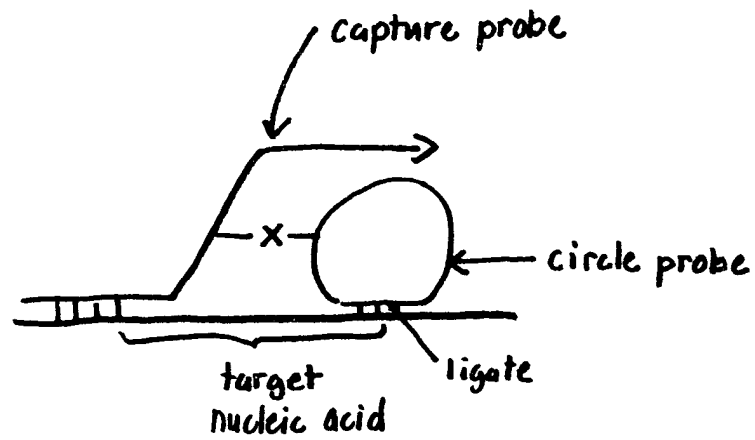
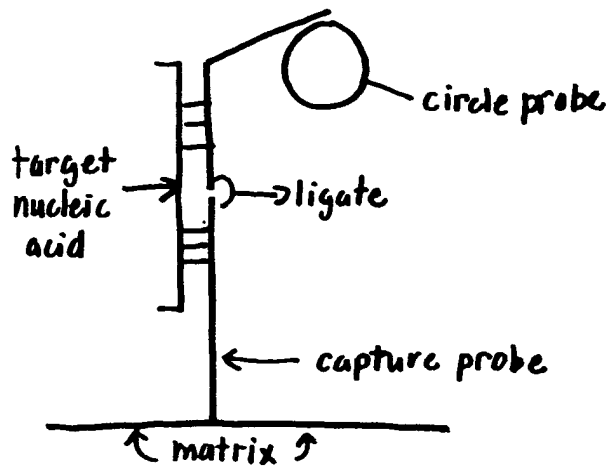


Figure 21 A-B



21 C



21D

Figure 21C-D

100,000 molecules

1,000 molecules

10 molecules

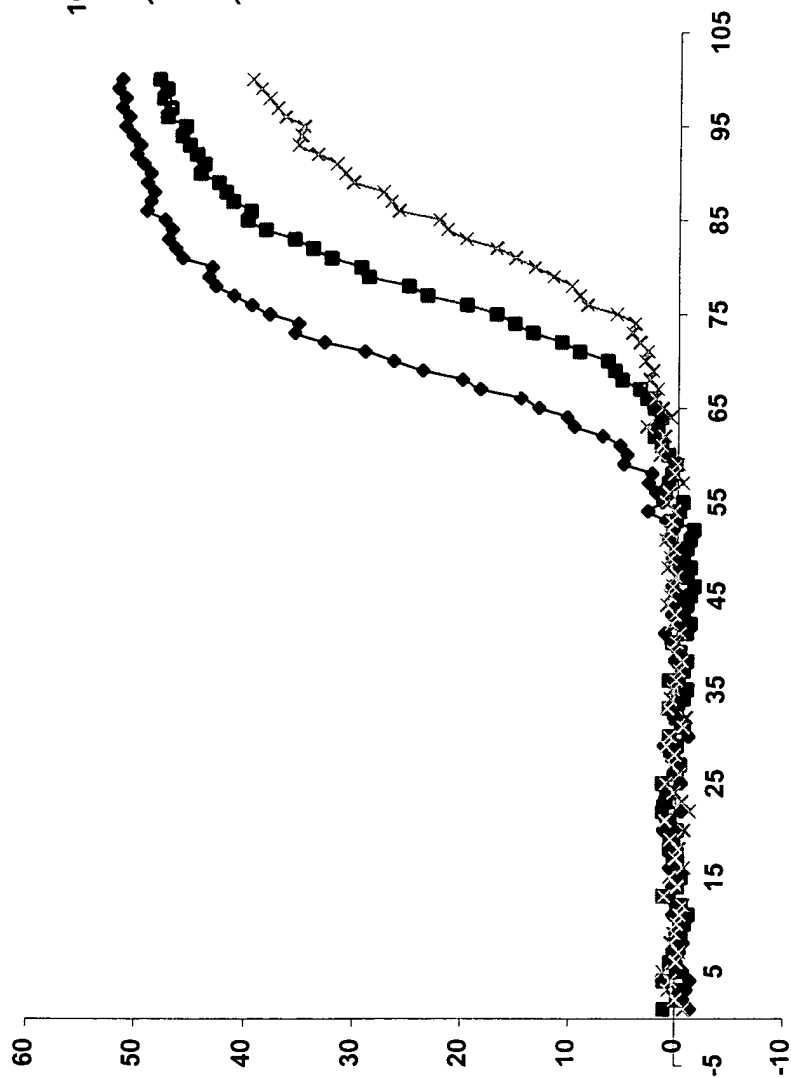
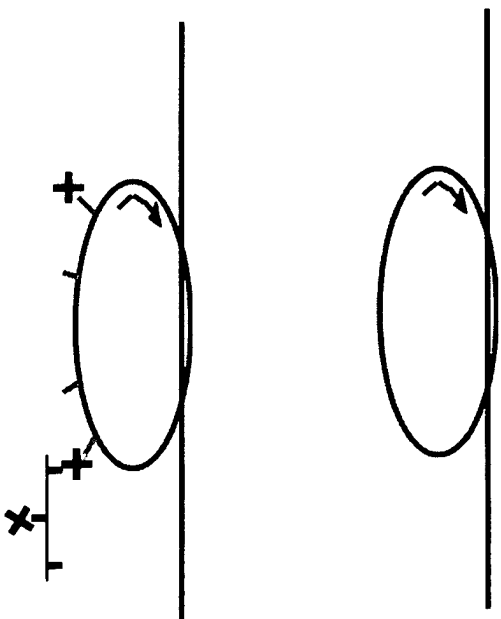
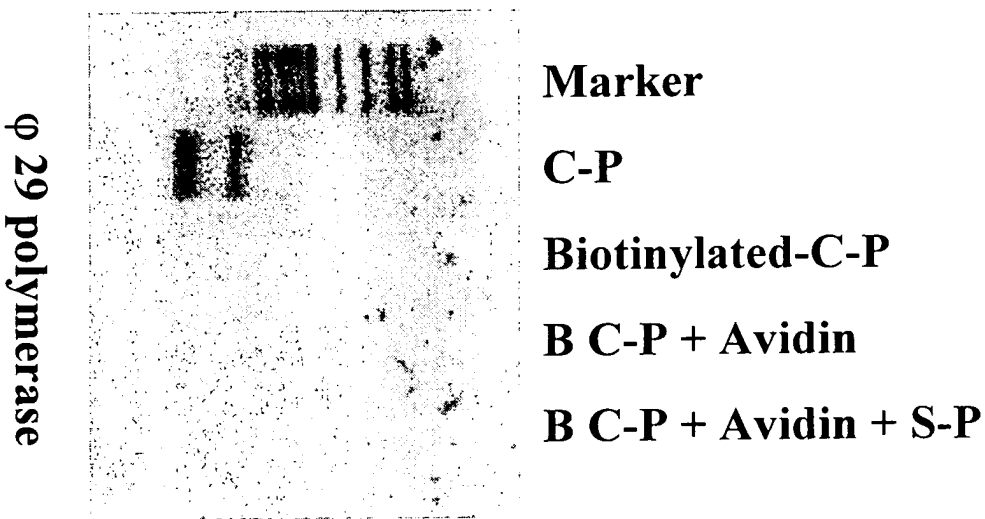
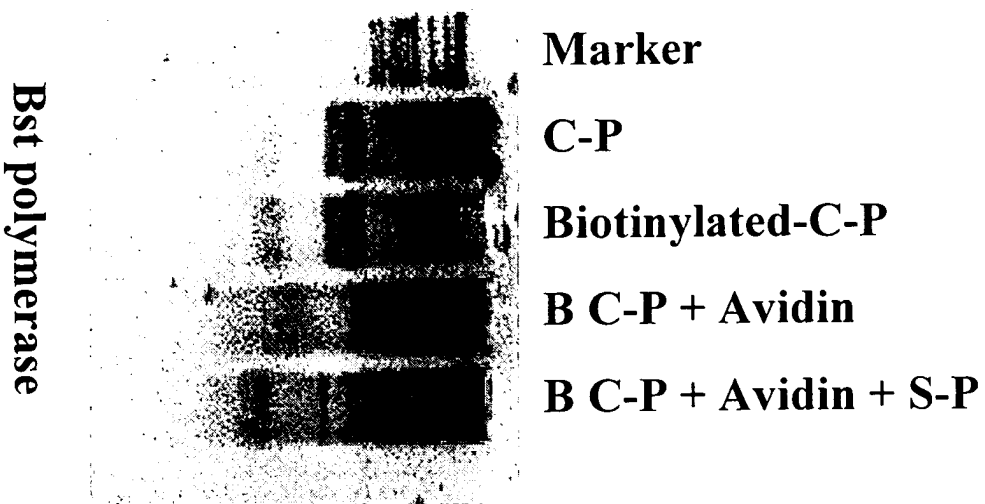


Figure 22

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Inhibition of biotin-avidin on RAM (Bst/P29)



09978251-101501

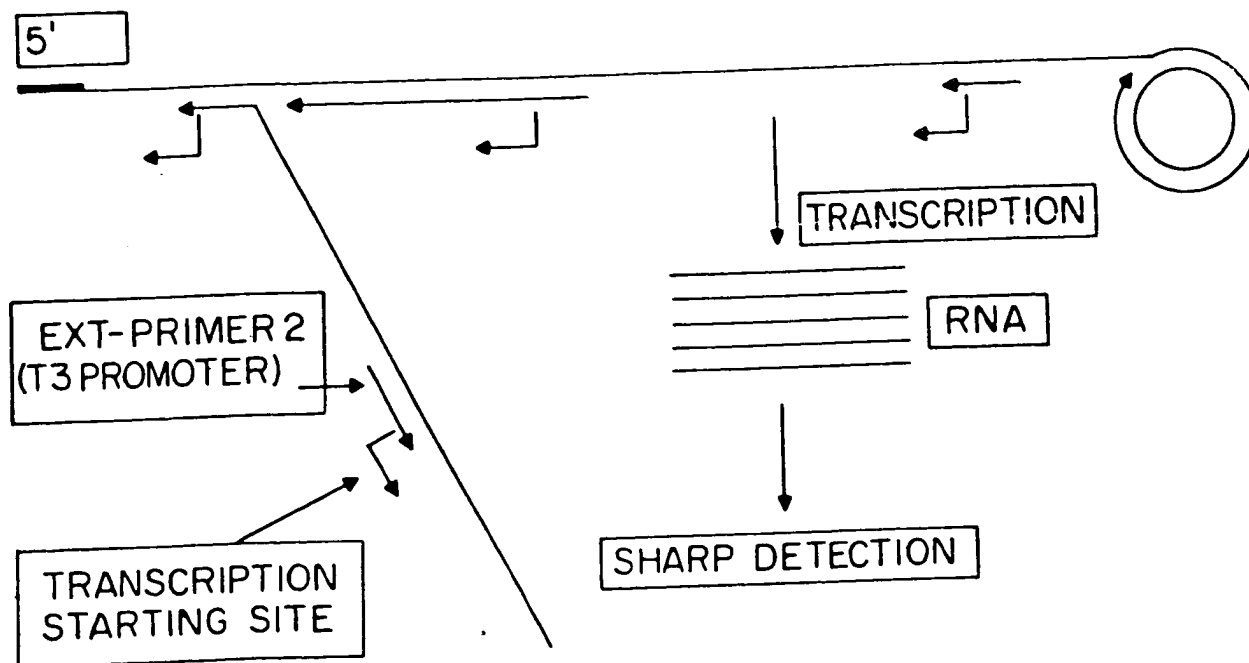


FIG. 17

ROLLING CIRCLE +
PRIMER EXTENSION

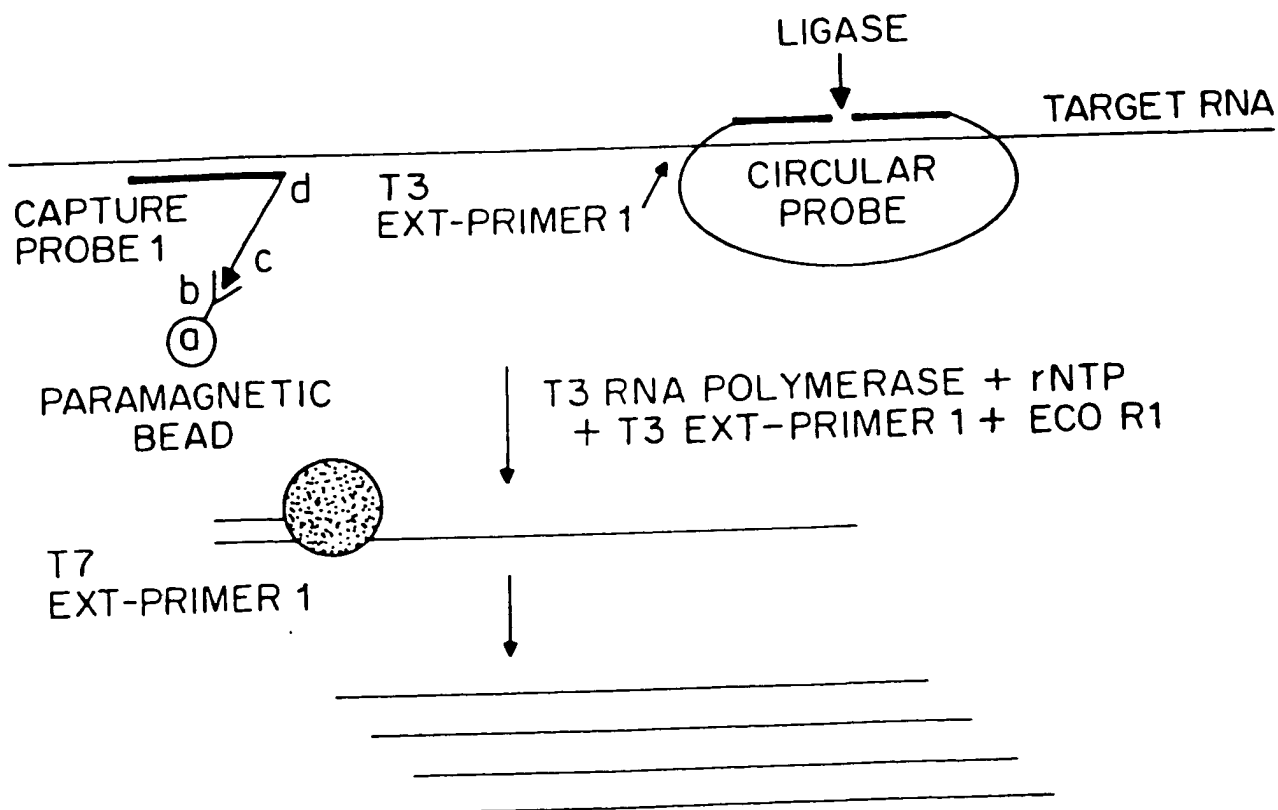


FIG. 24

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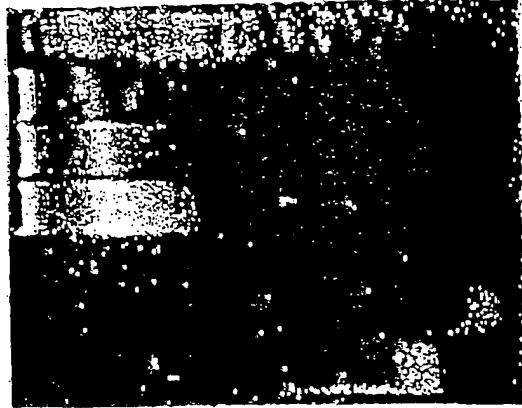
RAM with 1, 2, and 3 primers

F

E

D

ABCDEF



622 bp

147 bp

123 bp

90 bp

67 bp

108 nt

90 nt

FIGURE 25

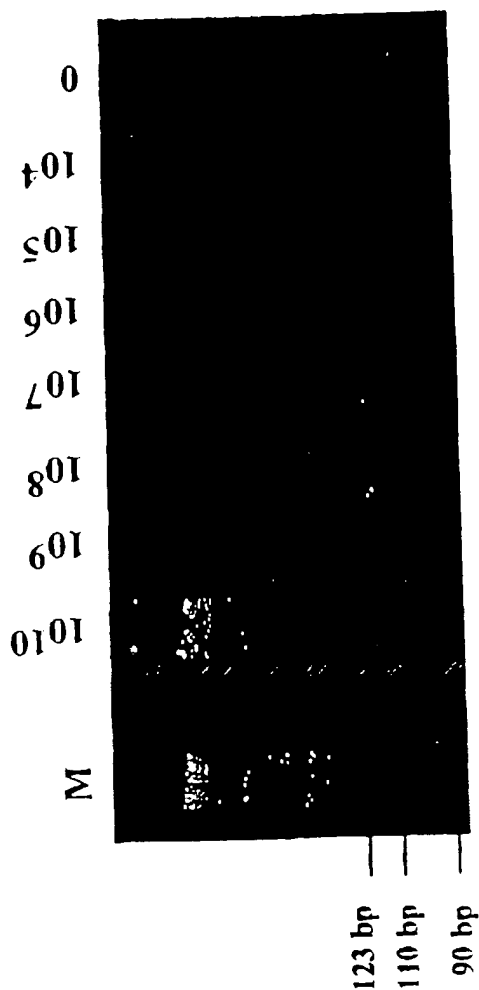


FIG. 26

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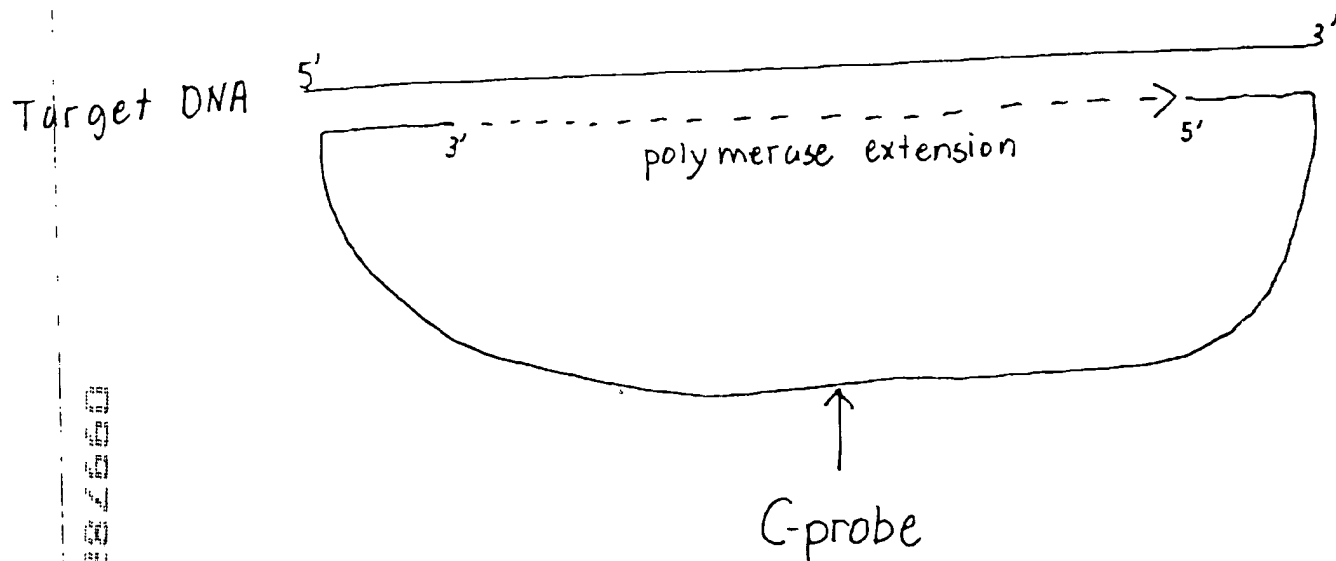


FIG 27 -

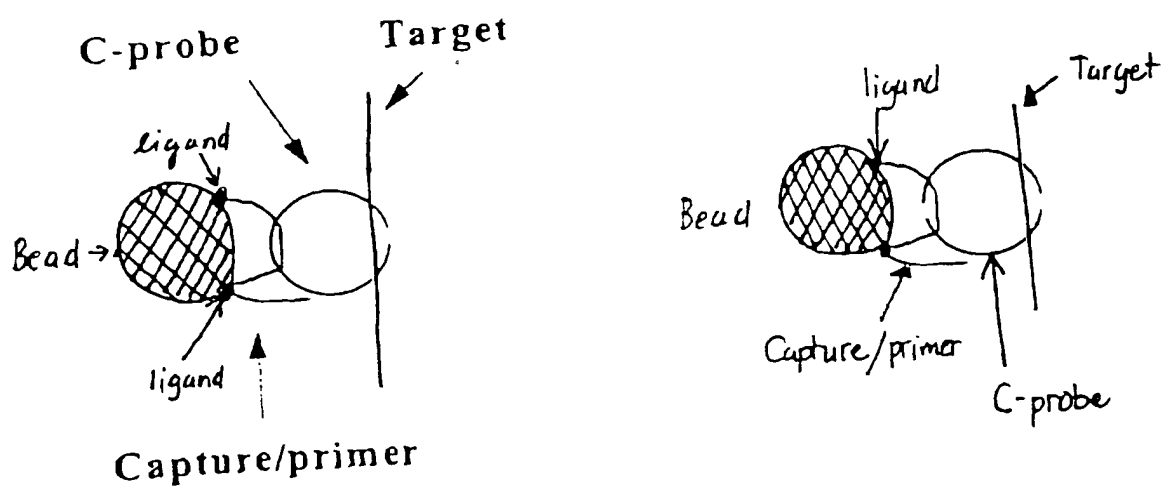


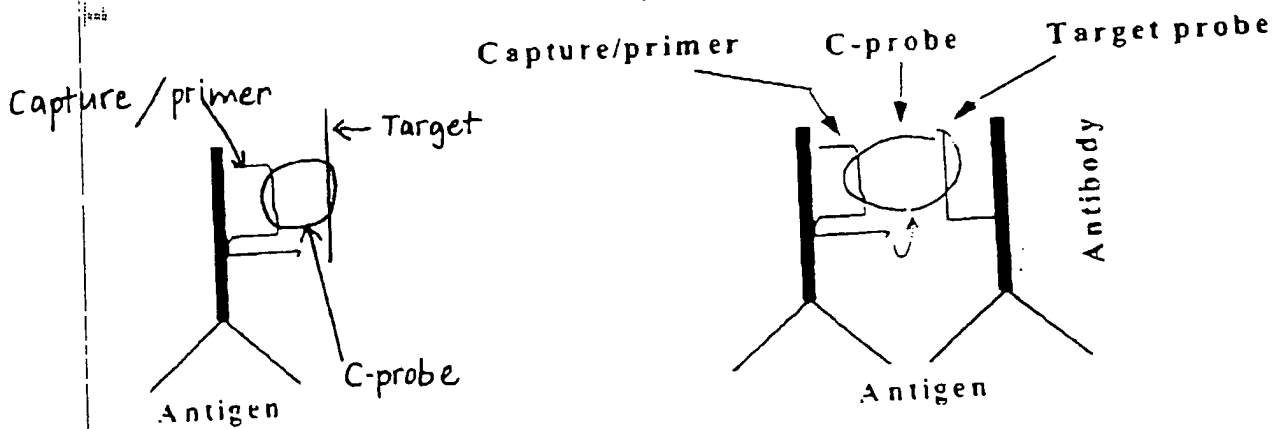
Figure 28

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P.29

OCT-12-2000 23:30

FIGURE 29



1993-1994

NOV 22 2000 13:07

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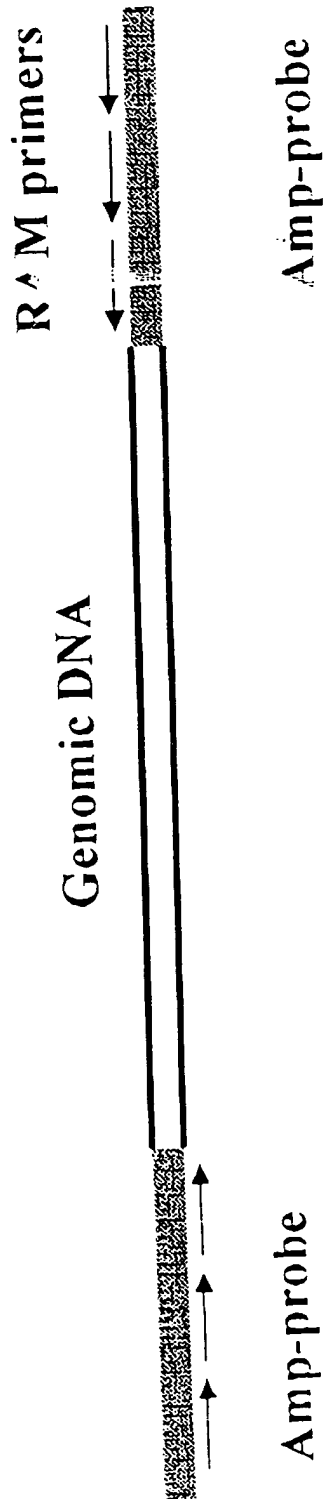


Figure 30